

I CLAIM:

1. An arrangement for creating a user detected vibration with a low mass actuator, comprising:

5 a product cover having two parts coupled by an elastic joint; and

a low mass actuator coupled between the two parts, responsive to an actuation signal, for vibrating the two parts of the product cover in relation to one another.

10 2. An arrangement according to claim 1, wherein the elastic joint is made from an adhesive layer.

3. An arrangement according to claim 1, wherein the low mass actuator is a linear actuator.

15 4. An arrangement according to claim 1, wherein the arrangement is a mobile phone.

20 5. An arrangement according to claim 1, wherein the actuation motor moves the two parts of the product cover a distance in a range of about 5-15 microns.

25 6. An arrangement according to claim 1, wherein the arrangement further comprises a battery for powering the actuation motor.

7. An arrangement according to claim 1, wherein the arrangement is a small product, including a wrist phone, amulet/pendulum/pen-phones, or small standard phones or accessories.

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8. A product comprising:

a product cover having two parts; and

an actuation motor coupled between the two parts, responsive to an actuation signal, for moving the two parts of the product cover in relation to one another.

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9. A product according to claim 8, wherein the two parts of the product cover are coupled by an elastic joint.

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10. A product according to claim 9, wherein the elastic joint is made from an adhesive layer.

11. A product according to claim 8, wherein the actuation motor is a linear actuator.

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12. A product according to claim 8, wherein the product is a mobile phone.

13. A product according to claim 8, wherein the actuation motor moves the two parts of the product cover a distance in a range of about 5-15 microns.

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14. A product according to claim 8, wherein the product further comprises a battery for powering the actuation motor.